

PROPOSALS

For the Printing of a BOOK of

William Leybourn's,

Author of the late *Cursus Mathematicus*, and of divers
other Mathematical Tractates,

Who hath now by him a Miscellaneous Manuscript ready for the
Press, which he intends to Entitle

Pleasure with Profit :

It Consisting of REGREATIONS of divers kinds, viz.

Numerical,	}	Astronomical,	}	Magnetical,
Geometrical,		Horometrical,		Automatical,
Mechanical,		Cryptographical,		Chymical,
Optical,		Statical,		Historical,

Published for Ingenious Spirits to make farther Scrutiny into these (and the like)
Sublime Sciences ; and to Divert them from following such Vices, as Youth
(in this Age) are too much inclin'd.

THis Book, when Printed of a good Letter, will contain above *One Hundred* Sheets,
with near *Two Hundred* Cutts. And as he hath already Published his *Two* last Trea-
tises, viz. *Dialling*, *Plain*, *Concave*, *Convex*, *Projective*, *Reflective*, *Refractive*, &c.
And *Cursus Mathematicus*, by way of Subscription ; he now again offers this to all Lovers of
Laudable, Pleasant, and Profitable Recreations.

And to the end that This may come to Publick View in his Life-time, he presents the fol-
lowing Overture (for the Promotion of it) to all Masters, Heads, Provosts, Fellows, Scho-
lars, &c. of both Universities. — To all Publick and Private Schoolmasters, Ushers, and
Scholars under them — To all Gentlemen of Inns of Court or Chancery — And to all other
Private Gentlemen of what Degree soever.

PROPOSALS as followeth, viz.

I. **T**He Subscribers to give Thirteen Shillings and Six Pence for each Book in Quires ;
whereof Six Shillings to be paid at the time of Subscription, and Seven Shillings Six
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II. To Encourage all Persons that shall Contribute to the procuring Subscriptions for Six
Books, they shall have a Seventh *Gratis*.

III. All who intend to assist in the Advancement of this Useful Work, are desired to send
in their Subscriptions with all speed unto the Persons here under-named, where Printed Re-
ceipts shall be given them ; and if they arise to any competent Number, the Book shall be
finish'd by *Midsummer* next.

The Undertakers are

Dorman Newman, at the *King's-Arms* in the *Poultry*.
Richard Baldwin at the *Oxford-Arms* in *Warwick-lane*.
John Duntton at the *Raven* in the *Poultry*.

The

The CONTENTS.

Recreations

Numerical, Treating of

Numbers in general.
Comparative Arithmetick.
Arithmetical, Geometrical and Musical Proportions.
Arithmetical Theorems.
The Golden Rule, Single and Compounded.
The Increase of Men, Sheep, Swine, Corn, &c.
Changes in Bells, Voices, Musical Instruments, Letters, Figures, &c.
Arithmetical Versifying, or to make Hexameter and Pentameter Latin Verses, deduced from five or six of the Nine Digits.
Enigmatical Problems, and other Numerical Devices.

Geometrical, Consisting of
Definitions, and Practical Problems.
Conclusions performed without Compasses.
Longimetria, or Measuring of Heights and Distances.
Geodecia, or Measuring of Land, with and without Instrument.

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Astronomy, in several Solar and Astral Principles.
Geography, in distances of Places.

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The two Principal Hypotheses, viz. Ptolomean and Copernican.
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The Length of Age which Men lived in former Times, shortly after the Creation; and of others of later date.

These PROPOSALS are to be had of any of the three Undertakers.

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